

Claims:

1. A surgical clip, comprising:

- a) a first arm;
- b) a second arm;
- c) a bridge connecting said first and second arms to form a substantially U-shaped structure;
- d) at least one deformable retainer extending from one of said arms, wherein

said retainer has a length of at least approximately π times the distance between the arms when the arms are substantially parallel.

2. A surgical clip according to claim 1, wherein:

said first arm has a first thickness and said retainer has a second thickness smaller than said first thickness.

3. A surgical clip according to claim 1, wherein:

said at least one deformable retainer extending from one of said arms includes two deformable retainers, one extending from each of said arms, both retainers having a sharp tip and both retainers being approximately the same length.

4. A surgical clip according to claim 1, wherein:

said retainer has a sharp tip.

5. A surgical clip according to claim 1, wherein:
said retainer is decouplable from said one of said arms.
6. A surgical clip according to claim 5, wherein:
said retainer is removably coupled to said arms by a friction fit.
7. A surgical clip according to claim 2, wherein:
said at least one deformable retainer extending from one of said arms includes two deformable retainers, one extending from each of said arms, both retainers having a sharp tip and both retainers being approximately the same length.
8. A surgical clip according to claim 7, wherein:
said retainers are decouplable from said arms.
9. A surgical clip according to claim 8, wherein:
said retainers are removably coupled to said arms by friction fits.
10. A surgical clip according to claim 9, wherein:
each of said arms includes an end portion defining a slot, and each of said deformable retainers includes a proximal portion which has a friction fit with a respective slot.

11. A surgical clip, comprising:

- a) a first arm having a first length;
- b) a second arm including a deformable retainer portion, said second arm with said deformable retainer portion having a second length greater than said first length;
- c) a bridge connecting said first and second arms to form a substantially U-shaped structure; and
- d) a barb deformably coupled to one of said first arm and said second arm and located between said first arm and said second arm, said barb directed distally away from said bridge.

12. A surgical clip according to claim 11, wherein:

said retainer has a length of at least approximately $\pi/2$ times the distance between said first arm and said second arm when said first arm and said second arm are substantially parallel.

13. A surgical clip according to claim 11, wherein:

said barb has a length which is substantially smaller than said first length.

14. A surgical clip according to claim 13, wherein:

said barb has a sharp tip.

15. A surgical clip according to claim 13, wherein:

said barb is coupled to second arm.

16. A surgical clip according to claim 13, wherein:

in a first position prior to use, said barb is substantially parallel to said first arm, and

in a second used position, said barb is bent to angle away from said arm to which said barb is coupled.

17. A kit, comprising:

a) at least one surgical clip; and

b) an applier for applying said at least one surgical clip to tissue, wherein

said at least one surgical clip comprises a first arm, a second arm, a bridge connecting said first and second arms to form a substantially U-shaped structure, and at least one deformable retainer extending from one of said arms, wherein said retainer has a length of at least approximately π times the distance between the arms when the arms are substantially parallel.

18. A kit according to claim 17, wherein:

said at least one surgical clip comprises a plurality of surgical clips.

19. A kit comprising:

- a) at least one surgical clip; and
- b) an applier for applying said at least one surgical clip to tissue, wherein,

said clip comprises a first arm having a first length, a second arm including a deformable retainer portion, said second arm with said deformable retainer portion having a second length greater than said first length, a bridge connecting said first and second arms to form a substantially U-shaped structure, and a barb deformably coupled to one of said first arm and said second arm and located between said first arm and said second arm, said barb directed distally away from said bridge.

20. A kit according to claim 19, wherein:

said at least one surgical clip comprises a plurality of surgical clips.

100100246 120004